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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS	27	AUG 11	Derwent World Patents Index(R) web-based training during August
NEWS	28	AUG 11	STN AnaVist workshops to be held in North America
NEWS	29	AUG 30	CA/CAPLUS - Increased access to 19th century research documents
NEWS	30	AUG 30	CASREACT - Enhanced with displayable reaction conditions
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
NEWS HOURS			STN Operating Hours Plus Help Desk Availability

NEWS INTER      General Internet Information  
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NEWS WWW        CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:14:27 ON 09 SEP 2005

=> file caplus uspatfull japio medline biosis embase epfull scisearch		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.63	0.63

FILE 'CAPLUS' ENTERED AT 14:16:04 ON 09 SEP 2005  
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FILE 'SCISEARCH' ENTERED AT 14:16:04 ON 09 SEP 2005  
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=> s tiotrpoium and (powder? or partic?)  
L1            0 TIOTRPOIUM AND (POWDER? OR PARTIC?)

=> s tiotropium and (powder? or partic?)  
L2            858 TIOTROPIUM AND (POWDER? OR PARTIC?)

=> s l2 and excipient  
L3            319 L2 AND EXCIPIENT

=> s l9 and ((average particle size) or diameter or (particle size))  
L9 NOT FOUND

The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l3 and ((average particle size) or diameter or (particle size))

L4 234 L3 AND ((AVERAGE PARTICLE SIZE) OR DIAMETER OR (PARTICLE SIZE))

=> s l4 and (um or micrometer?)

L5 48 L4 AND (UM OR MICROMETER?)

=> s l5 and (particle mix?)

L6 0 L5 AND (PARTICLE MIX?)

=> s l5 and (coarse? or fine?)

L7 17 L5 AND (COARSE? OR FINE?)

=> s l7 and (chloride or bromide or iodide or methanesulphonate or (para toluenesulphonate) or (methyl sulfate))

L8 14 L7 AND (CHLORIDE OR BROMIDE OR IODIDE OR METHANESULPHONATE OR (PARA TOLUENESULPHONATE) OR (METHYL SULFATE))

=> s l8 and (glucose or arabinose or lactose or saccharose or maltose or dextrane or sorbitol or mannitol or xylitol or (sodium chloride) or (calcium carbonate))  
3 FILES SEARCHED...

L9 13 L8 AND (GLUCOSE OR ARABINOSE OR LACTOSE OR SACCHAROSE OR MALTOSE OR DEXTRANE OR SORBITOL OR MANNITOL OR XYLITOL OR (SODIUM CHLORIDE) OR (CALCIUM CARBONATE))

=> d l9 1-13 ibib abs

L9 ANSWER 1 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2005:209607 USPATFULL

TITLE: Crystalline form of a biphenyl compound

INVENTOR(S): Chao, Robert, Santa Clara, CA, UNITED STATES

Rapta, Miroslav, Sunnyvale, CA, UNITED STATES

Colson, Pierre-Jean, San Francisco, CA, UNITED STATES

Lee, Junning, El Granada, CA, UNITED STATES

PATENT ASSIGNEE(S): Theravance, Inc., South San Francisco, CA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005182092	A1	20050818
APPLICATION INFO.:	US 2005-57009	A1	20050211 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-544621P	20040213 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THERAVANCE, INC., 901 GATEWAY BOULEVARD, SOUTH SAN FRANCISCO, CA, 94080, US	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	2204	

AB The invention provides a crystalline naphthalene-1,5-disulfonic acid salt of biphenyl-2-ylcarbamic acid 1-{9-[(R)-2-hydroxy-2-(8-hydroxy-2-oxo-1,2-dihydro-quinolin-5-yl)ethylamino]nonyl}piperidin-4-yl ester or a solvate thereof. This invention also provides pharmaceutical compositions comprising such a salt or prepared using such a salt; processes and intermediates for preparing such a salt; and methods of using such a salt to treat a pulmonary disorder.

L9 ANSWER 2 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2005:131953 USPATFULL

TITLE: Compounds having beta2 adrenergic receptor agonist and muscarinic receptor antagonist activity  
INVENTOR(S): Mammen, Mathai, Redwood Shores, CA, UNITED STATES  
Dunham, Sarah, San Rafael, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005113417	A1	20050526
APPLICATION INFO.:	US 2004-992927	A1	20041119 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-524234P	20031121 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THERAVANCE, INC., 901 GATEWAY BOULEVARD, SOUTH SAN FRANCISCO, CA, 94080, US	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
LINE COUNT:	5506	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The invention is directed to compounds of formula I: ##STR1##	

wherein R.sup.1, R.sup.2, R.sup.3, R.sup.4, R.sup.5, R.sup.6, R.sup.7a, R.sup.7b, W, G.sup.1, G.sup.2, a, b, c, d and m are as defined in the specification, or a pharmaceutically acceptable salt or solvate or stereoisomer thereof. The invention is also directed to pharmaceutical compositions comprising such compounds; methods of using such compounds; and process and intermediates for preparing such compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 13 USPATFULL on STN  
ACCESSION NUMBER: 2005:121298 USPATFULL  
TITLE: Method for forming a laminate assembly and products formed thereby  
INVENTOR(S): Clark, Verna Lo, Raleigh, NC, UNITED STATES  
Van Oort, Michael Mary, Durham, NC, UNITED STATES  
Walker, Richard Ian, Ware, UNITED KINGDOM

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005103678	A1	20050519
APPLICATION INFO.:	US 2003-508396	A1	20030325 (10)
	WO 2003-US9050		20030325

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-60368107	20020326
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DAVID J LEVY, CORPORATE INTELLECTUAL PROPERTY, GLAXOSMITHKLINE, FIVE MOORE DR., PO BOX 13398, RESEARCH TRIANGLE PARK, NC, 27709-3398, US	
NUMBER OF CLAIMS:	109	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Page(s)	
LINE COUNT:	1873	
AB	A laminate assembly, comprising a base sheet having at least one blister formed therein, a pharmaceutical composition displaced in said blister, a lid sheet bonded to said base sheet to form a primary seal therebetween, thus forming a primarily sealed laminate assembly; said primary sealed laminate assembly having a secondary seal formed therein,	

and related manufacturing method and system of manufacture.

L9 ANSWER 4 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2005:17275 USPATFULL  
TITLE: Solid peptide preparations for inhalation and their preparation  
INVENTOR(S): Lizio, Rosario, Buttelborn, GERMANY, FEDERAL REPUBLIC OF  
Damm, Michael, Rodermark, GERMANY, FEDERAL REPUBLIC OF  
Sarlikiotis, Werner, Peania, GREECE  
Wolf-Heuss, Elisabeth, Mosbach, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005014677	A1	20050120
APPLICATION INFO.:	US 2004-808239	A1	20040323 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-944060, filed on 31 Aug 2001, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-10043509	20000901
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GOODWIN PROCTER L.L.P, 103 EISENHOWER PARKWAY, ROSELAND, NJ, 07068	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	731	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to solid pharmaceutical preparations, in **particular** for inhalatory administration in mammals, their preparation and their use such as, for example, in **powder** inhalers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2004:216058 USPATFULL  
TITLE: Biphenyl derivatives  
INVENTOR(S): Mammen, Mathai, Redwood Shores, CA, UNITED STATES  
Dunham, Sarah, San Rafael, CA, UNITED STATES  
Hughes, Adam, San Francisco, CA, UNITED STATES  
Lee, Tae Weon, Palo Alto, CA, UNITED STATES  
Husfeld, Cralg, Redwood City, CA, UNITED STATES  
Stangeland, Eric, Pacifica, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004167167	A1	20040826
APPLICATION INFO.:	US 2004-779157	A1	20040213 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-447843P	20030214 (60)
	US 2003-467035P	20030501 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THERAVANCE, INC., 901 GATEWAY BOULEVARD, SOUTH SAN FRANCISCO, CA, 94080	

NUMBER OF CLAIMS: 43  
EXEMPLARY CLAIM: 1  
LINE COUNT: 7638

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention provides biphenyl derivatives of formula I: ##STR1##

wherein R.sup.1, R.sup.2, R.sup.3, R.sup.4, R.sup.5, R.sup.6, R.sup.7, W, a, b and c are as defined in the specification, or a pharmaceutically acceptable salt or solvate or stereoisomer thereof. The biphenyl derivatives of this invention possess both  $\beta$ .sub.2 adrenergic receptor agonist and muscarinic receptor antagonist activity and therefore, such biphenyl derivatives are useful for treating pulmonary disorders, such as chronic obstructive pulmonary disease and asthma.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2004:61037 USPATFULL

TITLE: Pharmaceutical delivery system for oral inhalation through nebulization consisting of inert substrate impregnated with substance (S) to be solubilized or suspended prior to use

INVENTOR(S): Hirsh, Jane, Wellesley, MA, UNITED STATES

Lo, Whe-Yong, Canton, MA, UNITED STATES

PATENT ASSIGNEE(S): PEIRCE MANAGEMENT, LLC (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004045546	A1	20040311
APPLICATION INFO.:	US 2002-242803	A1	20020905 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	PATREA L. PABST, HOLLAND & KNIGHT LLP, SUITE 2000, ONE ATLANTIC CENTER, 1201 WEST PEACHTREE STREET, N.E., ATLANTA, GA, 30309-3400		
NUMBER OF CLAIMS:	26		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	1315		

AB A pharmaceutical delivery system for oral inhalation is disclosed through nebulization consisting of an inert supporting material impregnated with or deposited with pharmaceutically active ingredient which must be solubilized or suspended in a pharmaceutical solvent to form a solution or suspension prior to administration. Each pharmaceutical delivery unit dosage form comprises one or more therapeutically effective and safe amounts of pharmaceutically active ingredient uniformly impregnated in or deposited on a supporting material which is a natural or synthetic polymer, woven or non-woven fabrics, inert paper, inorganic materials such as foil and combination thereof in a single or multi-layer lamination in a form of a sheet or strip or film or membrane or sponge-like or cup or well. The dosage form of this invention is to be administered to a patient through oral or nasal inhalation using a nebulizer after reconstitution with a reconstituting solvent.

L9 ANSWER 7 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2003:97711 USPATFULL

TITLE: Powder processing with pressurized gaseous fluids

INVENTOR(S): Saim, Said, New Milford, CT, UNITED STATES

Horhota, Stephen, Brookfield, CT, UNITED STATES

Koenig, Kenneth James, New Milford, CT, UNITED STATES

PATENT ASSIGNEE(S): Bochniak, David Joseph, Southbury, CT, UNITED STATES  
Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield,  
CT (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003066800	A1	20030410
	US 6858166	B2	20050222
APPLICATION INFO.:	US 2002-268879	A1	20021010 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-328301P	20011010 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BOEHRINGER INGELHEIM CORPORATION, 900 RIDGEBURY ROAD, P O BOX 368, RIDGEFIELD, CT, 06877	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	21 Drawing Page(s)	
LINE COUNT:	1618	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a method of small **particle** precipitation, retention and dispersion of a solid or semi-solid material onto or into a carrier material. In this method, solute **particles** are precipitated from a pressurized gaseous fluid solution or a liquid solution and effectively retained and dispersed within a carrier material. This technique can be advantageously used in pharmaceutical processing to produce a blend of solid or semi-solid material **particles** and carrier material, a granulation of the solid or semi-solid material **particles** with carrier material, carrier material partially or fully coated with the solid or semi-solid material **particles**, or mixtures thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 8 OF 13 USPATFULL on STN  
ACCESSION NUMBER: 2003:85867 USPATFULL  
TITLE: Oral delivery formulation  
INVENTOR(S): Compton, Bruce Jon, Lexington, MA, UNITED STATES  
Solari, Nancy E., West Newton, MA, UNITED STATES  
Flangan, Margaret A., Stow, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003059471	A1	20030327
APPLICATION INFO.:	US 2001-997277	A1	20011129 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-55560, filed on 6 Apr 1998, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-69501P	19971215 (60)
	US 1998-73867P	19980204 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stephen J Gaudet, 68H Stiles Road, Salem, NH, 03079	
NUMBER OF CLAIMS:	42	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2950	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Flakes containing drugs and methods for forming and using such flakes are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2002:227675 USPATFULL

TITLE: Solid peptide preparations for inhalation and their preparation

INVENTOR(S): Lizio, Rosario, Buttelborn, GERMANY, FEDERAL REPUBLIC OF  
Damm, Michael, Rodermark, GERMANY, FEDERAL REPUBLIC OF  
Sarlikiotis, Werner, Peania, GREECE  
Wolf-Heuss, Elisabeth, Mosbach, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002122826	A1	20020905
APPLICATION INFO.:	US 2001-944060	A1	20010831 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2000-10043509	20000901
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Goodwin Procter L.L.P., 599 Lexington Avenue, 40th floor, New York, NY, 10022	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	764	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to solid pharmaceutical preparations, in **particular** for inhalatory administration in mammals, their preparation and their use such as, for example, in **powder** inhalers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 13 USPATFULL on STN

ACCESSION NUMBER: 2001:67205 USPATFULL

TITLE: Supercritical fluid extraction of mould lubricant from hard shell capsules

INVENTOR(S): Horhota, Stephen T., Brookfield, CT, United States  
Saim, Said, New Milford, CT, United States

PATENT ASSIGNEE(S): Boehringer Ingelheim Pharmaceuticals, Inc., Ridgefield, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6228394	B1	20010508
APPLICATION INFO.:	US 1998-157267		19980921 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-62099P	19971014 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Page, Thurman K.	
ASSISTANT EXAMINER:	Seidleck, Brian K.	
LEGAL REPRESENTATIVE:	Raymond, Robert P., Stempel, Alan R., Devlin, Mary-Ellen M.	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	



NUMBER OF DRAWINGS: 24 Drawing Figure(s); 12 Drawing Page(s)

LINE COUNT: 1487

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Hard shelled capsules and dry, **powdered** pharmaceutical formulations are treated with supercritical fluids to remove impurities such as mold lubricants and moisture.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 11 OF 13 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2002:58707 EPFULL

ENTRY DATE PUBLICATION: 20050105

UPDATE DATE PUBLICAT.: 20050105

DATA UPDATE DATE: 20041229

DATA UPDATE WEEK: 200453

TITLE (ENGLISH): INHALATION CAPSULES

TITLE (FRENCH): CAPSULES POUR INHALATION

TITLE (GERMAN): INHALATIONSKAPSELN

INVENTOR(S): HOCHRAINER, Dieter, Vor der Hardt 16, 57392 Schmallenberg, DE; BECHTOLD-PETERS, Karoline, Ulmenweg 12, 88400 Biberach/Rissegg, DE; WALZ, Michael, Prizrenstrasse 22, 55411 Bingen, DE; TRUNK, Michael, Selztalstrasse 44, 55218 Ingelheim, DE

PATENT APPLICANT(S): Boehringer Ingelheim Pharma GmbH & Co.KG, (Ingelheim Pharma GmbH & Co.KG, Boehringer; Pharma GmbH & Co.KG, Boehringer Ingelheim), Binger Strasse 173, 55216 Ingelheim am Rhein, DE

PATENT APPL. NUMBER: 2461489

LANGUAGE OF FILING: German

LANGUAGE OF PUBL.: German

LANGUAGE OF PROCEDURE: German

LANGUAGE OF TITLE: German; English; French

DOCUMENT TYPE: Patent

PATENT INFO TYPE: EPB1 Granted patent

PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1379220	B1	20041229
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WO 2002098874		20021212
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DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

APPLICATION INFO.: EP 2002-776507 A 20020527

WO 2002-EP5600 A 20020527

RELATED DOC. INFO.: EP 2004-26411 20041106

Divisional Application

PRIORITY INFO.: DE 2001-10126924 A 20010601

CITED PATENT LIT.: EP 418716 A

EP 1072258 A

L9 ANSWER 12 OF 13 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2001:122261 EPFULL

UPDATE DATE PUBLICAT.: 20050831

DATA UPDATE DATE: 20050831

DATA UPDATE WEEK: 200535

TITLE (ENGLISH): NOVEL **TIOTROPIUM**-CONTAINING INHALATION **POWDER**

TITLE (FRENCH): NOUVELLE POUDRE A INHALER A TENEUR EN **TIOTROPIUM**

TITLE (GERMAN): NEUE **TIOTROPIUM**-HALTIGE INHALATIONSPULVER  
 INVENTOR(S): BECHTOLD-PETERS, Karoline, Ulmenweg 12, 88400  
 Biberach-Risseegg, DE; WALZ, Michael, Prizrenstr. 22,  
 55411 Bingen am Rhein, DE; BOECK, Georg,  
 Benjamin-Franklin-Str. 8, 55122 Mainz, DE; DOERR, Rolf,  
 Auf dem Hoechsten 25, 55270 Ober-Olm, DE  
 PATENT APPLICANT(S): Boehringer Ingelheim Pharma GmbH & Co.KG, Binger  
 Strasse 173, 55216 Ingelheim am Rhein, DE  
 PATENT APPL. NUMBER: 2461489  
 LANGUAGE OF FILING: German  
 LANGUAGE OF PUBL.: German  
 LANGUAGE OF PROCEDURE: German  
 LANGUAGE OF TITLE: German; English; French  
 DOCUMENT TYPE: Patent  
 PATENT INFO TYPE: EPB1 Granted patent  
 PATENT INFORMATION:  
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	NUMBER	KIND	DATE
	EP 1292281	B1	20040908
	WO 2002030389		20020418
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT		
	SE TR		
APPLICATION INFO.:	EP 2001-969789	A	20010928
	WO 2001-EP11227	A	20010928
RELATED DOC. INFO.:	EP 2004-6349		20040317
	EP 1430887	Divisional Application	
PRIORITY INFO.:	DE 2000-10050635	A	20001012
CITED PATENT LIT.:	WO 2000028979	A	
	WO 2000047200	A	
	WO 9311746	A	
	WO 9511666	A	
	WO 9524889	A	
	FR 8142	M	

L9 ANSWER 13 OF 13 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2000:10977 EPFULL  
 ENTRY DATE PUBLICATION: 20050824  
 UPDATE DATE PUBLICAT.: 20050824  
 DATA UPDATE DATE: 20050824  
 DATA UPDATE WEEK: 200534  
 TITLE (ENGLISH): METHOD OF PREPARING **PARTICLES** FOR  
 AGGLOMERATION  
 TITLE (FRENCH): PROCEDE DE PREPARATION DE **PARTICULES** POUR  
 L'AGGLOMERATION  
 TITLE (GERMAN): VERFAHREN ZUR HERSTELLUNG VON ZUR AGGLOMERATION  
 GEEIGNETEN PARTIKELN  
 INVENTOR(S): YANG, Tsong-Toh, 9 Old Farm Road, Warren, NJ 07059, US;  
 YU, Stephen, K., C., 17 Shoshoni Way, Somerville, NJ  
 08876, US; ECKHART, Charles, G., 9 Village Park Court,  
 Scotch Plains, NJ 07076, US; MITCHELL, Michael, B., 20  
 Old Coach Road, Basking Ridge, NJ 07920, US  
 PATENT APPLICANT(S): SCHERING CORPORATION, 2000 Galloping Hill Road  
 Kenilworth,, New Jersey 07033-0530, US  
 PATENT APPL. NUMBER: 240557  
 AGENT: Ritter, Stephen David, et al, Mathys & Squire 120  
 Holborn, London EC1N 2SQ, GB  
 AGENT NUMBER: 35281  
 LANGUAGE OF FILING: English  
 LANGUAGE OF PUBL.: English

LANGUAGE OF PROCEDURE: English  
 LANGUAGE OF TITLE: German; English; French  
 DOCUMENT TYPE: Patent  
 PATENT INFO TYPE: EPB1 Granted patent  
 PATENT INFORMATION:  
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1146859	B1	20050824
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DESIGNATED STATES: WO 2000044352 20000803  
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